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INFORMATION BIGG! COURT	Application Number	10/536,570
INFORMATION DISCLOSURE	Filing Date	26 May 2005
STATEMENT BY APPLICANT	First Named Inventor	Bulthuis et al.
	Group Art Unit	Not Assigned

Examiner Name

Attorney Docket Number

				U.S. PATENT DOCL	JMENTS	·
Examiner Initials'	Cite No.1	Mumber	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
Pak	· A1	2001/0051018	Al	Arai et al.	12-13-2001	385/74
1900	A2	5,044,715	\Box	Kawachi et al	09-19-1991	385/42
V	A3					
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Examiner Initials*	Cite No.1	Office ³	Foreign Patent Document Kind Code Office ³ Number ⁴ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Colu Where R Passages o Figures	elevant r Releva		T.e
PAR	B 1		EP 0 382 461		Kawachi et al.	08-16-1990	6023	6/1	3.8	
1998	B2		EP 0 610 973		Yamauchi et al.	08-17-1994	GOAB.	6/8	84	
POW	B3		JP 07281041		Shirata Tomoyuki et al.	10-27-1995	GOLB	6/50	2	
P90	B4		WO 2004/01711	2 A1	Van der Vliet et al.	02-26-2004	GOAB	6/2	6	
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	13
Pay)C1	HASHIZUME Y ET AL. "Integrated polarisation beam splitter using waveguide birefringence dependence on waveguide core width" ELECTRONIS LETTERS, IEE STEVENAGE, GB, vol. 37, no. 25, 6 December 2001, pgs. 1517-1518, XP006017649 ISSN: 0013-5194 * sections "Design", "Experimental results"; figure 1	
Dy	C2	LAI Q ET AL. "Tunable wavelength-selection switch and multiplexer/demultiplexer based on asymmetric silica-on-silicon Mach-Zehnder interferometer" ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 34, no. 3, 5 Feb. 1998 (1998-02-05) pgs. 266-267, XP006009267 ISSN: 0013-5194	
Pap	C3	BESSE P A ET AL. "Optical Bandwidth & Fabrication Tolerances of Multimode Interference Couplers" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE. NY, US, vol. 12, no. 6, 1 June 1994 (1994-06-01) pgs. 1004-1009, XP000484218 ISSN: 0733-8724, sections II, III; fig. 1,3	
DOPP	C4	HONG J-K, KIM J-H, LEE S-S: "Low-power thermooptic silica-on-cilicon MZI switch using multimode interference couplers" SILICON-BASED & HYBRID OPTOELECTRONICS IV, SPIE PROCEEDINGS, vol. 4654, 28 March 2002 pgs 157-163, XP002277219	
PA)C5	SOLDANO L B ET AL: "Optical Multi-Mode Interference Devices Based on Self-Imaging: Principles & Applications" Journal of Lighwave Technology, IEEE. NY, US, vol. 13, no. 4, 1 April 1995, pgs. 615-627, XP000513578 ISSN: 0733-8724, sections IV-VI; fig. 4	
DAS	C6	LEE CC ET AL: "2 X 2 Single-Mode Zero-Gap Directional-Coupler Thermo-Optic Waveguide Switch on Glass" Applied Optics, Optical Society of America, Washington, US, vol. 33, no. 30, 20 Oct. 1994, pgs. 7016-7022, XP000476203 ISSN: 0003-6935 section 2; fig. 4	
DAG) C7	SOLDANO L B ET AL: "Large Optical Bandwidth of INGAASP/INP Multi-Mode Interference 3- DBcouplers" Proceedings Europena Conference on Integrated Optics with Technical Exhibition, 1993, pgs 1-4, XP000522450	
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Examiner		Date Considered 12/12/07	

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